Protégé® System Management Suite

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A unified approach the multiple site architecture is ideal for any facility from the most demanding applications to single door systems.

Solid hardware technology with 32 Bit processing and TCP/IP communication make the Protégé® System Management Suite and Protégé® Integrated System Controllers the most powerful, easily integrated security management solution on the market:

- Client server architecture with online, event monitoring and control functions.
- Graphical floor plans with in-built designer, internal symbol library and accelerator buttons.
- Photo-ID with card designer and server side, image management for distribution across resource management locations.
- Rich report generation with extensive customization and filter design.
- Customizable event windows, event coloring and alarm acknowledgement.
- Partitioned database and configurable operators with individual security settings for each site.
- Share and manage user information with third party ODBC connectivity from external database, application or custom user interface.
- High performance SQL Server® database engine

Total Integration Solution

The Protégé® System provides a total integration solution that seamlessly integrates multiple information technologies using an open design standard.

Protégé® offers applications for advanced enterprise level access control, intrusion detection, user identity management, high rise elevator management, energy management, intercom communication, monitored localized apartment security and digital/network video recording solutions.

ICT and the Protégé® System are an established integrated platform with over thousands of users worldwide in more than 20 countries.

Open Design

As part of ICT's corporate philosophy and a commitment to industry standards, the ability to integrate without boundaries play a key role in the Protégé® System. This approach strategically benefits customers by allowing them to select the most advanced products for their facility and allow integration with those products.

Protégé® supports industry standard MSDE and Microsoft® SQL Server®, Windows®™ NT Authentication Integration and Ethernet TCP/IP communications.

Corporate Software Integration

Direct integration of the Protégé® external user table and global access level table allows third party applications ODBC bi-directional control of users. This allows the exchange of card holder data with human resources and/or ERP systems.

Third Party Device Integration

Integration of protocols by field devices and support in Protégé® provides a seamless marriage of multiple systems.

Intercom, apartment, DVR, NVR and building services integration allows a total building management system to be achieved using a unified platform.

NVR/DVR Integration

The Protégé® System Management Suite DVR Integration is a full featured event based DVR and NVR solution. Operators can control network video and digital video recorders and cameras within Protégé®, including the ability to view live and historical video feeds directly from event association.

By association events are used to trigger video to provide pin point accuracy for detailed searches. Simply right click an event and view the video in a separate window that has full screen and keyboard shortcut control.

Historical reports when viewed in the main window of Protégé® will also allow you to review associated video based on the settings of the device-an industry first. Link cameras to objects on floor plans and view video directly off the live floor plan view. When using the integrated DVR and NVR solution from Protégé® System Management Suite you get the full picture.

Operator Management

The Protégé® System Management Suite caters for all levels of operators from entry level to power users and provides many customization and shortcut configuration settings to make every operators experience refreshing.

Simplified Functions

By simply highlighting the users with standard and common windows commands then selecting properties you can easy make large changes in seconds not hours.

Migration is also a key focus with a significant number of legacy systems. Protégé's® open architecture and built in import functions allow you to directly import user lists and tables from text and Microsoft® Excel files.

Scheduling and Holiday Management

Scheduling allows the assignment of time periods to manage all aspects of the Protégé® System. Users can be restricted to certain times and days for doors and area control.

A schedule can be assigned to multiple devices and used in a variety of functions system wide. Simple holiday management allows a site to be locked down easily on specific days.

Report Generation

Getting the information you need from the Protégé® System has never been faster. With a comprehensive range of built in reports and the ability to add an unlimited number of custom reports Protégé® provides very powerful reporting capabilities.

Reports can be run on the database to allow information to be printed with optional detail and list reports. Export reports in to the industry standard CSV format. All records can be easily pasted using standard windows commands.

Link to NVR and DVR stored video from the report generation preview.

Audit Trail

All adds, moves and changes are logged and tracked allowing detailed audit reporting on operator, object and events.

Job Scheduling

Protégé's® job scheduling utility allows system administrators the ability to schedule and coordinate system actions to be performed in the future. The jobs can be scheduled to be repeated or one time and results of the job's action e-mailed to an administrator.

Scheduled actions can be the connection and download of data to remote sites, event upload, external user import or one of many other functions normally performed by an operator.

NT Authentication

Operators can use the optional NT authentication integration to allow seamless operator management in an existing client's computer infrastructure.

SQL Server®

Protégé® runs on the industry standard SQL Server® database. Installation options allow the Protégé® System to be part of a larger database cluster or integrated into existing database solutions.

E-mail Alerts

E-mail alerts allow any group of events or a specific event to be transmitted by e-mail to an e-mail recipient. Each e-mail alert can have a custom subject, message body and recipient name.

Protégé® System Management Suite Editions

The Protégé® System Management Suite is available in three editions to suit installations from small commercial to multiple site enterprise systems. Protégé® Enterprise Edition provides a full unlimited management suite, Protégé® Professional Edition is limited to a single site with multiple controllers and Protégé® Standard Edition is the entry level single controller single site edition. Additional client licenses allow multiple concurrent users' access to the Protégé® Software.

Graphical Floor Plans

Graphical floor plans show a visual representation of the site and the real time status of devices and objects on your Protégé® System. An unlimited* number of site plans can be stored in the system (edition dependent). An operator can create site plans by importing existing images of the site. Protégé® System Management Suite supports standard Microsoft® Windows® and CAD package graphics files such as BMP, DXF (via conversion utility) and WMF/EMF.

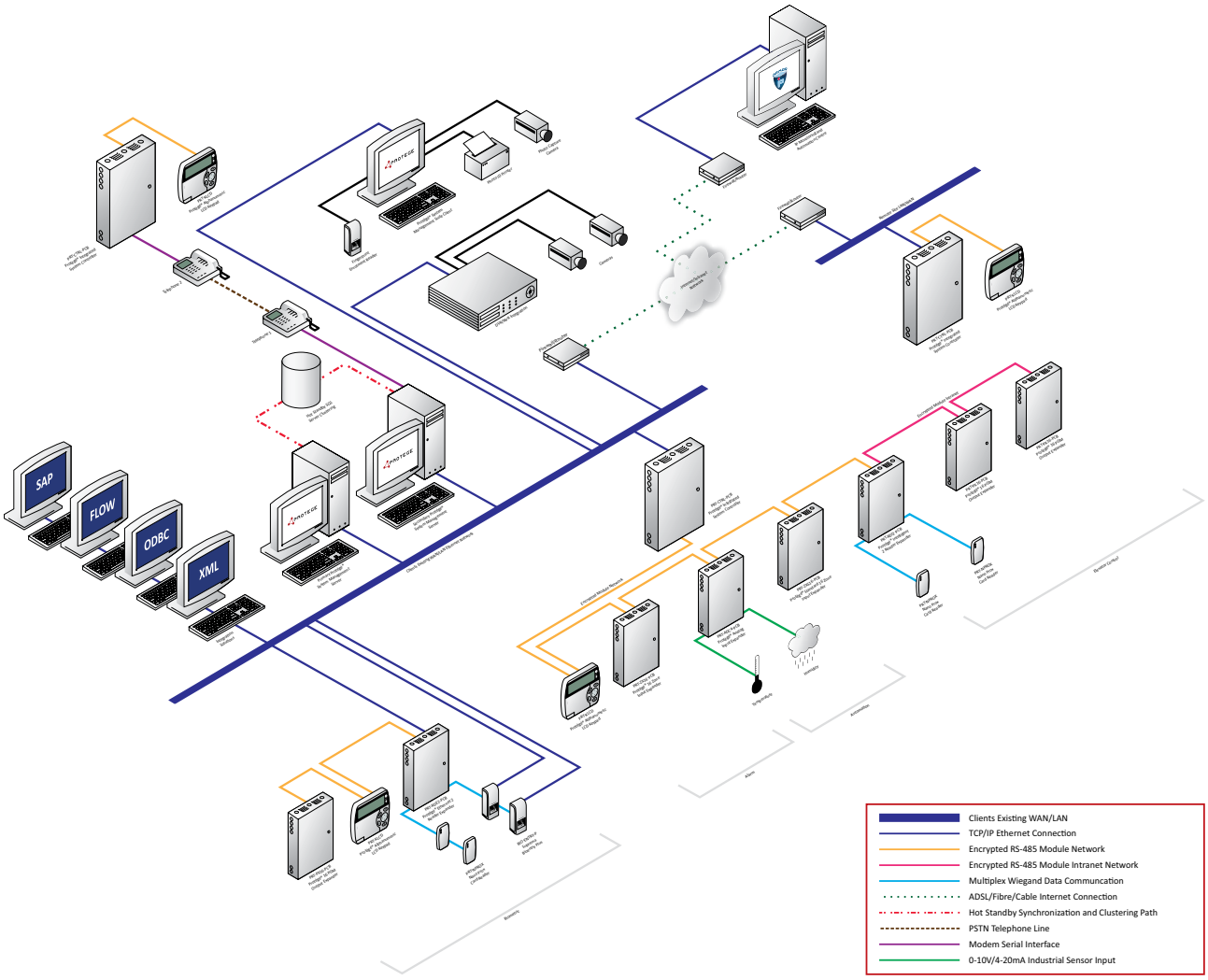
A library of items is provided including the display of complex data variables. Icons can be placed anywhere on a plan. A plan can show the real time status of all the devices either by manual or dynamic updating. Drag and drop buttons to allow an easy browser like feel to navigate between floor plans and data. Graphical floor plans also feature touch screen support.* Jumping to a floor plan based on an alarm condition or trigger is also possible and is set using server side filters.

*Subject to hardware specifications.

Global Connectivity

The Protégé® System Management Suite offers a significant number of connectivity and system expansion options. Starting out from a single controller to a multiple controller globally connected solution the Protégé® System will grow and expand with the needs of any facility.

ICT has thousands of installations in more than 20 countries worldwide with many customers operating at a national and global level.



Server Computer Specifications

- Pentium 4 2.5GHz (Pentium 4 3GHz or higher recommended), 2GB recommended multiple controllers 4GB, 20GB free disk space (40GB recommended).
- If using a modem connection or a remote dial-up connection it is recommended that a US Robotics 56k baud modem (external/internal) is installed.
- If using the TCP/IP connection with controllers (recommended you will require an appropriate Ethernet card. Speak to your network administrator for more information and IP address assignments.
- For isolated security communication networks a second ethernet card maybe required.

Client Computer Specifications

- Pentium III 1000MHz (Pentium III 1300MHz or higher recommended), 128MB RAM (512MB recommended), 1GB free disk space (8GB recommended).
- A suitable network interface for connection to the Protégé® System Management Suite Server. Windows®™ XP Professional Edition (recommended) or "Windows®™ Vista Business/Ultimate".

Supported Operating Systems

- Windows®™ XP® Professional Edition, Windows®™ 2003 Server (recommended) or "Windows®™ Vista Business/Ultimate".

Technical Specifications	
Database	MSDE, SQL 2000, SQL 2005
Supported Operating Systems	Windows®™ XP® Professional Edition, Windows®™ 2003 Server (recommended) or "Windows®™ Vista Business/Ultimate".
Card Printer	Any Microsoft® Windows®™ compatible card printer.
Reporter Printer	Any Microsoft® Windows®™ compatible printer.
Operator	Unlimited
Workstations	Unlimited
Operator Security Levels	Unlimited
System Controllers	128 per site
Sites	Unlimited
Users	100,000
Individual Event Colors	All events
Global Access Levels	Unlimited
Event Database	Unlimited events
Elevators	128 floors, multiple floor opening support, 16 elevator cards HLI interface using RS-232 or RS-485 interface.
Zone Inputs	Limited by connected hardware only
Programmable Outputs	Limited by connected hardware only

The operation of the system can be affected by the frequency of event information, the number of system controllers, operators and building automation requirements. Please consult Integrated Control Technology with your requirements to ensure best solution for your client. For full specifications on operating systems please review the installation documentation available at www.integratedcontroltechnology.com. Specifications are subject to change without notice, please visit www.integratedcontroltechnology.com for updated information.

Ordering Codes	Description
PRT-SMGT-ENT	Protégé® System Management Suite Enterprise Edition
PRT-SMGT-PRO	Protégé® System Management Suite Professional Edition
PRT-SMGT-STN	Protégé® System Management Suite Standard Edition
PRT-SMGT-1U	Protégé® System Management Suite Single Client License Edition

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